

POLICY: 555.85
TITLE: Pediatric Chest Trauma

EFFECTIVE: 02/13/2019
REVIEW: 02/2024
SUPERCEDES:

APPROVAL SIGNATURES ON FILE IN EMS OFFICE

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PEDIATRIC CHEST TRAUMA

- I. AUTHORITY: Health and Safety Code, Division 2.5, California Code of Regulations, Title 22, Division 9
- II. PURPOSE: To serve as a patient treatment standard for EMRs, EMTs, AEMTs and Paramedics within their scope of practice.
- III. PROTOCOL:

STANDING ORDERS

ASSESS	CAB
SECURE AIRWAY/INTUBATE	Using the simplest effective method while maintaining c-spine. A BLS airway with objective evidence of good ventilation and oxygenation is adequate and acceptable..... Refer to Policy 554.00 – General Protocols.
SPINE IMMOBILIZATION	If indicated, refer to Policy 554.80 – Selective Spinal Movement Restriction.
OXYGEN	Oxygen delivery as appropriate
IV/IO ACCESS	TKO with microdrip tubing and volume control chamber. If signs of shock, 20 ml/kg fluid bolus until length based tape systolic BP target. Reassess patient after each bolus.
DRESS & SPLINT	Dress and splint as indicated. Consider hemostatic dressing as appropriate.
CONSIDERATIONS	<p>Impaled Object - Immobilize and leave in place. Remove object only if it interferes with CPR, extrication, or ventilation</p> <p>Flail Chest - Stabilize chest. Observe for tension pneumothorax. Consider assisted ventilation.</p> <p>Penetrating Chest Injury- Cover wound. Dress wound loosely and seal injury site with chest seal or occlusive dressing taped on three sides. Continuously re-evaluate patient for tension pneumothorax.</p> <p>Tension Pneumothorax - Perform needle thoracostomy or remove any occlusive dressing on an open chest wound. Refer to the Traumatic Shock Protocol 555.82</p> <p>Cardiac Tamponade - If systolic BP below length based tape target, give 20 ml/kg fluid boluses until systolic BP reaches target. Reassess the patient after each bolus. Refer to the Traumatic Shock Policy 555.82</p> <p>Cardiac Contusion - Monitor for dysrhythmias. Refer to Cardiac Protocols (Policy 555.11, 555.12, 555.13, 555.14, and 555.15)</p>

BASE PHYSICIAN ORDERS

PAIN MANAGEMENT	Refer to Pain Management Protocol 555.43
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